

Message Text

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16

ORIGIN EPA-04

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NSC-05 NSF-02 OIC-02 PA-02 PM-03 PRS-01 RSC-01 SAJ-01

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FM SECSTATE WASHDC

TO AMEMBASSY OSLO

AMEMBASSY OTTAWA

AMEMBASSY LONDON

AMEMBASSY BONN

AMEMBASSY ROME

AMEMBASSY COPENHAGEN

AMEMBASSY PARIS

AMEMBASSY THE HAGUE

AMEMBASSY BRUSSELS

AMEMBASSY STOCKHOLM

USMISSION NATO

AMCONSUL MILAN

INFO AMEMBASSY ANKARA

AMEMBASSY LISBON

AMEMBASSY LUXEMBOURG

AMEMBASSY REYKJAVIK

AMEMBASSY ATHENS

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E.O. 11652: N/A

TAGS: NATO/ENRG

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SUBJECT: CCMS: ENERGY CONSERVATION PROJECT (MODULAR INTE-

GRATED UTILITY AND TOTAL ENERGY SYSTEMS)

REFS: (A) STATE 155446; (B) STATE 186855; (C) STATE 174739;
(D) OTTAWA 2312; (E) ATHENS 5155; (F) LISBON 3346;
(G) ANKARA 6476; (H) LUXEMBOURG 0492; (I) LONDON 11018; AND
10209; (J) BONN 12907 AND 12203; (K) ROME 10713;
(L) COPENHAGEN 2119; (M) PARIS 19100; (N) THE HAGUE 4144;
AND 4002 AND 3889; (O) BRUSSELS 6722 AND 5821 AND 6170;
(P) STOCKHOLM 3901 AND 3464

1. SUMMARY: ACTION ADDRESSEES REQUESTED TO INFORM APPROPRIATE HOST GOVERNMENT OFFICIALS THAT MODULAR INTEGRATED UTILITY AND TOTAL ENERGY SYSTEMS WORKING GROUP VISIT DESCRIBED IN REF A HAS BEEN RESCHEDULED FOR DECEMBER 2-13, 1974. POSTS ARE REQUESTED TO RESPOND ASAP ON AVAILABILITY OF HOST COUNTRY OFFICIALS FOR REQUESTED APPOINTMENTS.

2. BACKGROUND: AT MEETING OF EXPERTS ON ENERGY CONSERVATION IN INDUSTRY, IN BRUSSELS, APRIL 1-2, 1974, GROUP AGREED THAT COOPERATIVE PROJECT ON MODULAR INTEGRATED UTILITY AND TOTAL ENERGY SYSTEMS (MIUS) OFFERED SIGNIFICANT OPPORTUNITIES FOR FURTHER SAVINGS IN ENERGY USE THROUGH COMBINING TRADITIONALLY INDEPENDENT BUILDING SERVICES INCLUDING ELEC-

TRICAL POWER GENERATION, HEATING AND COOLING, AND PRODUCTION OF DOMESTIC HOT WATER. ALSO, DEMONSTRATION PROJECTS IN SEVERAL COUNTRIES WERE DESCRIBED WHICH WILL INCLUDE FURTHER USE OF HEAT NORMALLY REJECTED IN THE ABOVE PROCESSES AND RECOVERY OF THE FUEL VALUE IN SANITARY AND SOLID WASTES.

3. IN THE UNITED STATES, THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT'S TOTAL ENERGY AND MODULAR INTEGRATED UTILITY SYSTEMS (MIUS) FIELD DEMONSTRATION PROJECTS WILL PROVIDE A FOCAL POINT FOR QUANTITATIVE EVALUATION OF THESE POSSIBILITIES. THERE ARE PROPOSALS FOR SIMILAR SYSTEMS IN CANADA (TORONTO AND NEAR OTTAWA). SIMILAR SYSTEMS ARE IN USE IN DENMARK (COPENHAGEN), FRANCE, FRG, AND THE NETHERLANDS. ALL COUNTRIES REPRESENTED INDICATED AN INTEREST IN PARTICIPATING IN A COOPERATIVE SUBPROJECT IN THIS AREA.
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4. IT WAS AGREED THAT THE UNITED STATES WOULD BE IN TOUCH WITH INTERESTED COUNTRIES TO ORGANIZE AN INITIAL STUDY TOUR OF EXISTING FACILITIES IN THE FALL OF 1974. IT WAS AGREED THAT, FOLLOWING THIS TOUR, THE PARTICIPATING EXPERTS WOULD DEVELOP A METHODOLOGY FOR COMPARING THE TECHNOLOGICAL AND ECONOMIC EFFICIENCIES OF THESE FACILITIES. AT THE NATO/CCMS MINISTERS' LEVEL MEETING IN TURIN, ITALY,

MAY 1974, THIS PROJECT WAS APPROVED.

5. OUTLINE OF (MODULAR INTEGRATED UTILITY AND TOTAL ENERGY SYSTEMS) PROJECT:

A. THE PURPOSE OF THIS PROPOSED PROJECT IS TO DEVELOP A CONTINUING MECHANISM FOR THE EXCHANGE OF OPERATING AND DESIGN DATA ON TOTAL ENERGY SYSTEMS, INTEGRATED UTILITY SYSTEMS, DISTRICT HEATING, INCINERATION WITH WASTE HEAT RECOVERY, LARGE-SCALE APPLICATION OF SOLAR-THERMAL SYSTEMS AND ENERGY STORAGE, FUEL CELLS AND OTHER ADVANCED POWER CONVERSION SYSTEMS APPLICABLE FOR USE IN TOTAL ENERGY AND INTEGRATED UTILITY SYSTEMS, I.E., NON-CENTRAL STATION APPLICATIONS.

B. ANOTHER INTENT OF THIS PROPOSED PROJECT IS TO DEVELOP A STANDARDIZED METHODOLOGY FOR REPORTING ON AND COMPARING OF TECHNOLOGICAL AND ECONOMIC EFFICIENCIES OF THE EXISTING DEMONSTRATION FACILITIES AND THOSE DEMONSTRATIONS TO BE CONSTRUCTED.

6. THE US WORKING GROUP HOPES TO DEVELOP SPECIFIC PROJECT PROPOSALS ON BASIS OF DISCUSSIONS WITH COUNTERPARTS.

7. THE US WORKING GROUP WILL BE HEADED BY GERALD S. LEIGHTON, DIRECTOR, MIUS PROGRAM, US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. ACCOMPANYING HIM WILL BE MR. CLINTON PHILLIPS, NBS.

8. TENTATIVE ITINERARY IS AS FOLLOWS:

FRIDAY, NOVEMBER 29
7:45 PM DEPART DULLES AIRPORT VIA PAN AM 106
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SATURDAY, NOVEMBER 30
7:45 AM ARRIVE LONDON, OVERNIGHT IN LONDON SAT., SUN.,
AND MONDAY

TUESDAY, DECEMBER 3
5:50 P.M. DEPART LONDON VIA SK 512 FOR OSLO
8:45 PM ARRIVE OSLO, OVERNIGHT

WEDNESDAY, DECEMBER 4
5:05 PM DEPART OSLO FOR STOCKHOLM VIA SK 486
6:00 PM ARRIVE STOCKHOLM, OVERNIGHT

THURSDAY, DECEMBER 5
5:05 PM DEPART STOCKHOLM FOR COPENHAGEN VIA LH 017

6:15 PM ARRIVE COPENHAGEN, OVERNIGHT

FRIDAY, DECEMBER 6

ALL DAY AND OVERNIGHT IN COPENHAGEN

SATURDAY, DECEMBER 7

OVERNIGHT IN COPENHAGEN

SUNDAY, DECEMBER 8

9:55 AM DEPART COPENHAGEN FOR AMSTERDAM VIA SK 551

11:10 AM ARRIVE AMSTERDAM, SURFACE TRANSPORTATION TO

APELDOORN, OVERNIGHT IN APELDOORN

MONDAY, DECEMBER 9

SURFACE TO AMSTERDAM FROM APELDOORN. TRAIN FROM AMSTERDAM

TO BONN. OVERNIGHT IN BONN

TUESDAY, DECEMBER 10

ALL DAY AND OVERNIGHT IN BONN

WEDNESDAY, DECEMBER 11

7:25 PM DEPART BONN/COLOGNE FOR MILAN VIA LH 288

9:40 PM ARRIVE MILAN AND OVERNIGHT

THURSDAY, DECEMBER 12

7:25 PM DEPART MILAN FOR BRUSSELS VIA AZ 1270

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8:50 PM ARRIVE BRUSSELS AND OVERNIGHT

FRIDAY, DECEMBER 13

ALL DAY AND OVERNIGHT IN BRUSSELS

SATURDAY, DECEMBER 14

7:10 PM DEPART BRUSSELS FOR PARIS VIA AF 927

8:05 PM ARRIVE PARIS AND OVERNIGHT

SUNDAY, DECEMBER 15

ALL DAY AND OVERNIGHT IN PARIS

MONDAY, DECEMBER 16

ALL DAY AND OVERNIGHT IN PARIS

TUESDAY, DECEMBER 17

12:00 NOON DEPART PARIS FOR WASHINGTON VIA TWA 803

5:18 PM ARRIVE DULLES AIRPORT

9. FOR OTTAWA: DEPARTMENT AND HUD REALIZE THAT INTEREST
AND ACTIVITY IN THIS SUBJECT IS HIGH IN CANADA. GROUP
PLANS TO DEVOTE THIS TWO-WEEK PERIOD TO EUROPE. A SEPAR-

ATE VISIT TO CANADA WILL BE SCHEDULED IN THE NEAR FUTURE.

10. FOR LONDON: REF (I), EMBASSY IS REQUESTED TO DETERMINE AVAILABILITY OF HOST COUNTRY OFFICIALS LISTED IN REFTEL FOR MEETINGS ON DECEMBER 2 AND 3.

11. FOR OSLO: EMBASSY IS REQUESTED TO DETERMINE AVAILABILITY OF DIRECTOR SVEN ERIK LUNDBY, NORWEGIAN BUILDING RESEARCH INSTITUTE, FOR APPOINTMENT WITH TEAM ON DEC. 4.

12. FOR STOCKHOLM: REF (P), EMBASSY IS REQUESTED TO SCHEDULE MEETINGS WITH MINISTRY OF INDUSTRY OFFICIALS FOR GROUP ON DECEMBER 5. IF NAMES OF HOST COUNTRY OFFICIALS CAN BE PROVIDED BEFORE DEPARTURE OF GROUP IT WOULD BE MOST HELPFUL.

13. FOR COPENHAGEN: REF (L), EMBASSY IS REQUESTED TO DISCUSS WITH MFA (BODENHAGEN) DANISH WILLINGNESS TO RECEIVE GROUP ON DECEMBER 6. ALSO, PLEASE DETERMINE IF MEETING UNCLASSIFIED

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WITH DANISH RESEARCH COUNCIL (REFTEL, PARA 3) CAN BE ARRANGED SAME DAY.

14. FOR THE HAGUE: REF (N), EMBASSY IS REQUESTED TO DETERMINE AVAILABILITY OF THE ENERGY WORKING GROUP OF THE CENTRAL NATIONAL COUNCIL FOR APPLIED SCIENTIFIC RESEARCH (TNO) FOR MEETING WITH STUDY GROUP ON DECEMBER 9, IN APELDOORN.

15. FOR BONN: REF (J), EMBASSY IS REQUESTED TO DISCUSS WITH DR. KLEIN INTEREST IN PROJECT AND TO DETERMINE AVAILABILITY FOR MEETING WITH GROUP ON DECEMBER 10 OR 11.

16. FOR ROME: REF (K), EMBASSY IS REQUESTED TO CONTACT PROF. SYLVESTRI IN MILAN AND TO DETERMINE IF ITALIAN PARTICIPANTS ARE AVAILABLE FOR MEETING WITH GROUP ON DECEMBER 12.

17. FOR BRUSSELS: REF (O), EMBASSY IS REQUESTED TO DISCUSS WITH RENSON AND LAURENT AVAILABILITY FOR MEETINGS WITH GROUP ON DECEMBER 13.

18. FOR NATO: GROUP WOULD LIKE TO MEET WITH NATO CCMS OFFICER ON DECEMBER 13 OR 14.

19. FOR PARIS: REF (M), EMBASSY IS REQUESTED TO DETERMINE AVAILABILITY OF BE DEL, BLACHERE AND CROISET FOR MEETINGS ON DECEMBER 16.

20. ALL POSTS ARE REQUESTED TO RESPOND AS SOON AS POSSIBLE. WHEN APPOINTMENTS ARE CONFIRMED, CABLE WILL FOLLOW WITH DETAILS ON HOTEL REQUIREMENTS. INGERSOLL

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